

AMENDMENT

Kindly amend the application, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

IN THE CLAIMS:

Kindly amend the claims, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, to read as follows:

1. (Currently Amended) A DNA vaccine comprising (i) a naked DNA plasmid containing and expressing *in vivo* a polynucleotide encoding an antigenic polypeptide, wherein the antigenic polypeptide comprises an antigen of equine rhinopneumonia virus; and (ii) at least one adjuvant comprising carbopol which is a polymer of acrylic or methacrylic acid or a copolymers of maleic anhydride and alkeneyl.
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Previously Presented) The vaccine according to Claim 1, wherein the adjuvant is present in the vaccine in an amount of 0.01% to 2% w/v.

6. (Previously Presented) The vaccine according to Claim 5 wherein the adjuvant is present in a concentration of 0.06 to 1% w/v.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Currently Amended) A method of enhancing efficacy of a DNA plasmid vaccine which comprises a naked DNA containing and expressing *in vivo* a heterologous polynucleotide, wherein the heterologous polynucleotide is an immunogen of equine rhinopneumonia virus by adding to the DNA vaccine Carbopol an adjuvant which is a polymer of acrylic or methacrylic acid or a copolymers of maleic anhydride and alketyl.

11. (Cancelled).

12. (Cancelled)

13. (Currently Amended) The vaccine of claim 6 10, wherein the adjuvant compound has a concentration of

0.06 to 1% w/v.

14. (Cancelled) ÷

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Currently Amended) The vaccine of claim 1, wherein the naked DNA plasmid is in the circular plasmid form, wherein the plasmid additionally comprises an origin of replication, a promoter, and a transcription termination sequence.